

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009128**Date Inspected:** 19-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen fu you**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

SEGEMENT

SMAW welding of repair weld joint 2G-181 located on PCMK SSD16-PP61 of 8AE welder is identified as 054013.ZPMC QC is identified as Mr. Wang xian pin . The welding variables recorded by QC appeared to Comply with the WPS-B-345-SMAW-2G(2F)-FCM-Repair.

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FCAW welding of weld joint 3G-133 located on PCMK SSD-PP76 of 9BW welder is identified as 066401.ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

SMAW welding of weld joint 4F-060 located on PCMK SP769-001 of 9BW welder is identified as 051348.ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

SAW welding of weld joint 1G-006 located on PCMK SEG051* of 9BW welder is identified as 045265.ZPMC QC is identified as Mr.Liu wan ning. The welding variables recorded by QC appeared to Comply with the

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

WPS-B-T-2221-B-L2c-S-2.

Weld joint fit-up of following weld joint dimension and tack weld checked with ZPMC QC
Mr.Zhang xian jie to comply with the WPS- B-T-2231-B-U2-F.

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 9CW and 9AW. The weld designations reviewed are as follows:

SSD13-PP072-135
SSD13A-PP072-131
SSD13-PP073-135
SSD13A-PP073-131
SSD14-PP077-135
SSD14A-PP077-131
SSD13-PP078-135
SSD13A-PP078-131
SSD14-PP079-135
SSD14A-PP079-131

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
